

203

# **Notice of Allowability**

Application No.

10/632,945

Examiner

John Zhu

Applicant(s)

COOPER ET AL.

Art Unit

2858

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed on 12/13/2005.
2. ☒ The allowed claim(s) is/are 1-4 and 9-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 01182006.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## **Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 01182006.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other Examiner's amended Fig. 1.

*V. Nguyen*

**VINCENT Q. NGUYEN  
PRIMARY EXAMINER**

### **DETAILED ACTION**

1. Response to RCE filed on 12/13/2005.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ted Cooper on 1/18/2006 (See attached PTO-413).

The application has been amended as follows:

### **IN THE CLAIMS:**

**Re claim 1:** Claim 1 has been substituted with the following:

1. A method to facilitate reconfiguring electrical battery power delivered to a motor for a radio controlled model, comprising:

providing a first group of battery cells, wherein the battery cells in the first group are connected via permanent electrical connection, and wherein the battery cells in the first group are securely held together;

providing a second group of battery cells, wherein the battery cells in the second group are connected via permanent electrical connections, and wherein the battery cells in the second group are securely held together;

providing a first standard electrical connector that removably electrically couples the first group of battery cells to the second group of battery cells; and

providing a second standard electrical connector that removably electrically couples the second group of battery cells to an electronic speed controller, wherein the electronic speed controller is electrically coupled to the motor of said radio controlled model.

**Re claim 16:** Claim 16 has been substituted with the following:

16. A reconfigurable radio control model battery system comprising:

a first group of battery cells, wherein cells in the first group are connected via permanent electrical connection, and wherein the first group of battery cells are securely held together;

a second group of battery cells, wherein cells in the second group are connected via permanent electrical connection, and wherein the second group of battery cells are securely held together;

wherein the first group of battery cells is removably electrically coupled via a first standard connector to and electronic speed controller for a radi controlled model motor, and wherein the second group of battery cells is removably electrically coupled via a second standard connected to the electronic speed controller.

**IN THE DRAWINGS:**

3. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: Fig. 1 is amended with label *Prior Art*. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

4. The following is an examiner's statement of reasons for allowance:

Claims 1 and 9 are allowable over the art of record because the prior art does not teach or suggest a method or system to facilitate reconfiguring electrical battery power delivered to a motor for a radio controlled model comprising a first group of battery cells removably electrically coupled to a second group of battery cells via a first standard connector, with the second group of battery cells removably electrically coupled to and electronic speed controller via a second standard connector.

Claim 16 is allowable over the art of record because the prior art does not teach or suggest a reconfigurable radio control model battery system comprising a first group and second group of battery cells, each group removably electrically coupled to an electronic speed controller via standard connectors.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Response to Arguments***

5. Applicant's arguments, see pages 2-11, filed 12/13/2005, with respect to all claims have been fully considered and are persuasive. The rejection of all claims has been withdrawn.

**Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Zhu whose telephone number is (571) 272-5920. The examiner can normally be reached on M-F, 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diane Lee can be reached on (571) 272-2399. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

John Zhu  
Examiner  
Art Unit 2858



JZ

Approved by  
JL ZL

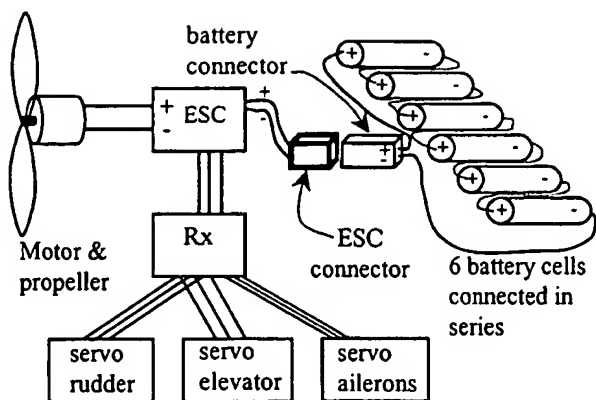


Fig. 1  
PRIOR ART

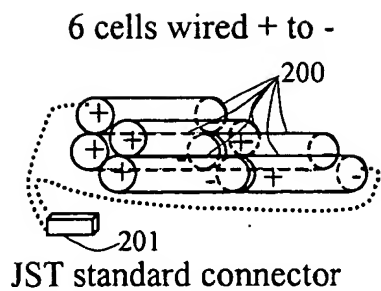


Fig. 2A

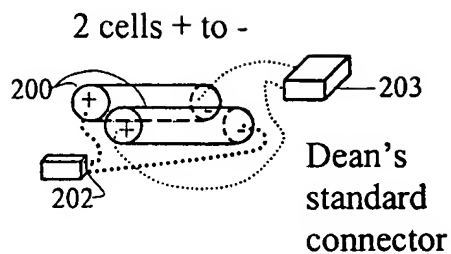


Fig. 2B